



The Definitive Guide to new generation electric heating



HAVERLAND
Designer

Innovators, Designers and Manufacturers of New Generation Electric Heating

“ The Haverland
'Designer' range is a
technological
revolution in design
and performance ”

David Márquez

David Márquez, designer.



Welcome to the world of new generation electric heating

As electric power becomes increasingly popular as a preferred source of heating for homes and businesses in the UK, more and more consumers are switching to Haverland.

Already a highly successful brand in continental Europe, Haverland is at the forefront of design and technological advancement in 'new generation' electric heating.

Continual investment in on-going research and development ensures Haverland systems are not only environmentally friendly, but also offer customers the most economically viable and energy-efficient heating solutions currently available.

Benefits of a Haverland system include 'intelligent' high precision, electronic chrono-thermostatic control, which minimises energy wastage, at the same time as optimising energy use.

Our lightweight thermo-dynamic, high-density Fluid and 'Dry stone' thermal media, intensifies the performance and effectiveness of each radiator ensuring that heat is evenly distributed across the whole surface.

In addition, our built-in digital programme controllers allow the temperatures and heating schedule of each radiator to be set individually to create individual 'comfort zones' throughout a building or specific area.

Save Energy with our built-in Energy Monitors

This refinement will enable Haverland customers to monitor and measure their energy usage and running costs.

In our experience, Energy Monitors encourage reductions in radiator temperature settings by one or two degrees. This action results in making further energy savings - without impairing comfort!



Join our 'Drop 1 degree' to help Save the Planet campaign.

Haverland are also committed to environmentally friendly practices in our factories. You can also join in this important ecological initiative by dropping one degree on your thermostat. Not only will it help reduce your energy bills - it will also help to 'Save the Planet'!

Many Haverland products are produced from recycled materials. Recycled glass is used in the manufacture of our new XTAL towel warmers and our new generation radiators contain recycled aluminium.

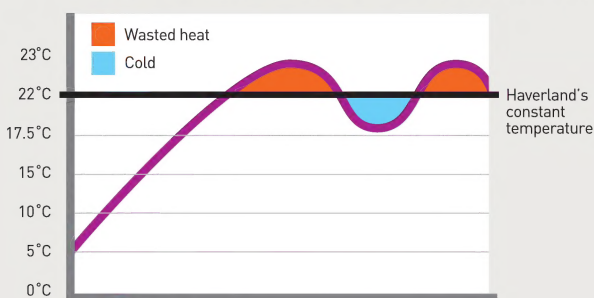
Haverland high precision thermostatic control is the key to saving energy

Traditional heating systems using oil and gas are typically controlled by a single thermostat, which is usually positioned in a central location e.g. in a hallway. However, when this location reaches its set temperature, it switches off, leaving some rooms colder than you might like, and others too hot.

Haverland's high precision, chrono-thermostatic control provides the ultimate in system controllability and energy efficiency by allowing you to programme each zone individually. This means buildings can be divided into distinct areas or 'comfort zones', set an optimum temperature for each and only heat them when you need to.

In short, the days of 'hit and miss' heating system control and wasteful energy consumption are things of the past!

Haverland's high precision thermostatic control delivers constant heat – with minimal fluctuation



Traditional heating systems waste energy by allowing heat to fluctuate around the set temperature. Haverland's high precision thermostatic controls keep temperatures controlled.

Features

- 'State of the art' energy management
- Digital programmer with 7 'lifestyle' settings plus one bespoke programmable option
- Optimises energy use
- Three temperature settings: Comfort, Economy and Anti-freeze
- Built-in energy management and monitoring
- Safety thermal limiter
- No plumbing required
- Safe, clean and easy to operate
- Easy to install



NEW Designer Compact with revolutionary new 'Dry stone' thermal technology

Designer COMPACT Dry Stone



Three models ranging from 1000 watts to 1800 watts.

For use in large spaces. Ideal for public buildings, hotels, Listed buildings, galleries, houses etc.

Pages 4-5

Designer TT



Five models ranging from 500 watts to 1500 watts.

Ideal for homes, offices and shops.

Pages 6-7

Designer RCV



Five models ranging from 750 watts to 1800 watts.

For use in partitioned new build office and apartment developments, public buildings etc. Part L compliant.

Page 8

Designer RCE



Five models ranging from 500 watts to 1500 watts.

Designer option at a budget price with high-precision thermostat and programme control.

Page 9

Designer RCA



Five models ranging from 500 watts to 1500 watts.

Fit for purpose. Simple to use. Ideal for sheltered housing, hotels, offices, etc.

Page 10

Designer TOWEL RAILS



3 Models ranging from 425 watts to 700 watts.

700i model with remote control.

Page 11

Designer XTAL



2 Models ranging from 400 watts to 600 watts.

'Flat plate style' tempered glass available in black or white.

Pages 12

Our simple, heating calculation guide to choosing the the most suitable radiators for the project.

Pages 13

Only Haverland offer you a complete, integrated range of new generation, electric heating options.

NEW

Designer COMPACT Dry Stone

Designed by David Márquez

David Márquez

1000W-1800W

For medium to high thermal output installations



Takes up less space. Heats up more space!



Haverland Compact 'Dry stone' technology radiators have been specifically designed to meet the challenge of heating large spaces such as public areas, communal stairwells, listed and large traditional old buildings, hotels etc.

These areas, which typically have high ceilings, open-plan design and large windows, were always considered to be expensive and difficult to heat using traditional heating methods, but the high energy efficiency and intensified thermal performance of Compact 'Dry stone' have made it a cost-effective and viable alternative.

The secret of Compact's success lies in Haverland's 'Dry stone' thermal technology. This lightweight, high-density thermal medium provides a more imposing level of thermal performance.

It's this technology, together with Haverland's state of the art thermostat and digital programme control that enables property owners to maximise energy output with greater efficiency in zones where it is specifically required.

Three radiator options from 1000W to 1800W



Model RC 8 Compact TTi

1000W
230V
765 x 580 x 100
Weight 18 Kg
8 Elements



Model RC 10 Compact TTi

1500W
230V
924 x 580 x 100
Weight 26 Kg
10 Elements



Model RC 12 Compact TTi

1800W
230V
1083 x 580 x 100
Weight 30 Kg
12 Elements

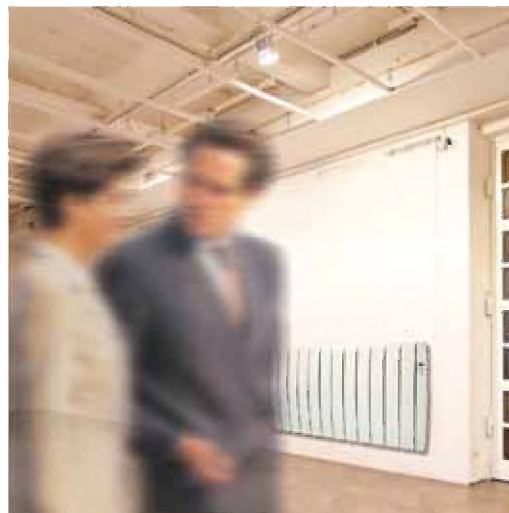




Haverland's new Compact 'Dry Stone' thermal radiators take up less space - heat more space!

Haverland's 'Dry stone' thermal technology is a new and highly effective heat medium, able to absorb heat very quickly and then radiate it in a more intensive form.

Although they provide intensified heat outputs, 'Dry stone' radiators are significantly smaller and more compact than conventional radiators and **'punch well above their size'** in terms of thermal performance.



Haverland's built-in digital programme controllers allow the temperature of each radiator to be set individually so that different 'comfort' zones may be created throughout the building.

New Designer Compact with 'Dry stone' technology offers intensified heating performance - with the benefit of optimised energy use.

"Heating systems have to work harder in larger spaces. Haverland's Dry Stone technology means we can use less radiators while achieving the right level of comfort".



Designer
TT

500W-1500W

For low to medium thermal output installations

Designed by David Márquez

David Márquez



Energy saving, style and comfort in perfect harmony

The distinctive curved, linear design of Haverland's Designer TT range makes it a stylish, slim-line choice for any contemporary or traditional environment.

Designer TT is a fully integrated heating system, available in five different radiator sizes and with a variety of thermal outputs to ensure room temperatures remain constant, no matter what the external conditions.

Each radiator can be programmed individually to create different 'comfort zones' and thanks to 'Therma-max' - Haverland's high-density thermal medium - heat can be stored and transmitted for longer periods than traditional radiators.

A further advantage of Haverland's products comes from our use of 'clean technology', which helps to keep interiors free from the staining, dust and soot associated with conventional heating options.

Five radiator options from 500W to 1500W - one to suit every application



Model RC 4 TT
500W
230V
447 x 580 x 100
Weight 11 Kg
4 Elements



Model RC 6 TT
750W
230V
606 x 580 x 100
Weight 15 Kg
6 Elements



Model RC 8 TT
1000W
230V
765 x 580 x 100
Weight 19 Kg
8 Elements



Model RC 10 TT
1250W
230V
924 x 580 x 100
Weight 23 Kg
10 Elements



Model RC 12 TT
1500W
230V
1083 x 580 x 100
Weight 27 Kg
12 Elements





The distinctive curved shape of the Designer TT helps it to blend in well with any decor. The thermostatic controls also allow you to create different 'comfort zones' wherever you want them.



Advanced, reliable, versatile:
the 'Designer' TT is the ideal choice for domestic and commercial environments.



Note: These recommendations are approximate and subject to size and height of each room, insulation quality and local climate.

Model RC 10 TT or 12 TT
choose from a 10 or 12 element heater for medium to large living areas

Model RC 8 TT
with 8 elements is ideal for the kitchen

Model RC 4 TT
with 4 elements designed for bedrooms

Model RC 6 TT
with 6 elements perfect for a dining room

Model TE 700 I
infra-red remote control towel rail for the bathroom

Model RC 4 TT
with 4 elements for an entrance hallway



"Haverland radiators are so quick and easy to install".

Designer RCV

750W-1800W

Pilot wired specification

Designed by David Márquez

David Márquez



Haverland 'Designer' RCV

- Pilot wired zone control and management
- High precision thermal control and energy efficiency
- Zones controlled by a standard central heating panel (not supplied)
- Double isolated resistance
- Optional temperature settings - Comfort, Economy & Anti-freeze
- IP24 rated
- Class 2 - Category C

RCV is compliant with Part L building regs.

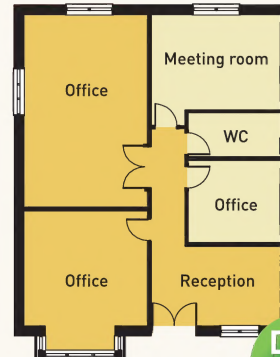
For partitioned, zone controlled heating in new build apartment, hotel, office developments, etc.

Designer RCV zoned and timer controlled heating systems comply with all of the relevant requirements of Part L Building Regulations [Oct. 2010].

They allow areas with a total floor space over 150 square metres to be divided into at least 2 zones, each with its own independently controlled timer.

Designer RCV radiators have a pilot wire specification which enables connection to a 'standard', central control panel.

Alternatively, each radiator can be programmed individually so that the temperatures in any room or zone may be manually adjusted to suit.



Five radiator options from 750W to 1800W



Model RC 6 V
750W
230V
606 x 580 x 100
Weight 15 Kg
6 Elements



Model RC 8 V
1000W
230V
765 x 580 x 100
Weight 19 Kg
8 Elements



Model RC 10 V
1250W
230V
924 x 580 x 100
Weight 23 Kg
10 Elements



Model RC 12 V
1500W
230V
1083 x 580 x 100
Weight 27 Kg
12 Elements



Model RC 14 V
1800W
230V
1242 x 580 x 100
Weight 31 Kg
14 Elements



Designer
RCE

Designed by David Márquez

David Márquez

500W-1500W



RCE - a design option for low to medium thermal applications

For homes, offices, shops, etc.

The precision temperature control and effective heat output of the Designer RCE helps you to reduce your fuel consumption without affecting comfort levels.

The versatile RCE range can form part of an integrated system or work as a standalone unit wherever you want extra heat. They are easy to install – using the template provided, you simply screw the brackets onto the wall next to a wall socket, slot the radiator onto the brackets, and plug in.

The built-in digital programmer allows you to control the temperature in each room according to the needs of its occupant or changes in external conditions.

And as with all of Haverland's radiators, the RCE is an attractive addition to any interior. Its unobtrusive shape and styling allow it to blend in with its surroundings and its clean technology means no staining to walls or carpets.

Five radiator options from 500W to 1500W



Model RC 4 E
500W
230V
435 x 580 x 94
Weight 11 Kg
4 Elements



Model RC 6 E
750W
230V
593 x 580 x 94
Weight 15 Kg
6 Elements



Model RC 8 E
1000W
230V
751 x 580 x 94
Weight 19 Kg
8 Elements



Model RC 10 E
1250W
230V
909 x 580 x 94
Weight 23 Kg
10 Elements



Model RC 12 E
1500W
230V
1067 x 580 x 94
Weight 27 Kg
12 Elements



Designer
RCA

Designed by David Márquez

David Márquez

500W-1500W

Classic Simplicity



Simple heat at the touch of a button

For sheltered housing, care homes, apartments, hotels, offices, shops, etc.

Our versatile Designer RCA range is the ideal choice for sheltered housing, care homes and other multi-user applications, because it's cost-efficient, and also the most straightforward of our range to operate.

Available in five models, various sizes and thermal outputs, each model has just two controls – a simple on/off switch, and a clear, easy-to-operate dial to regulate the temperature settings.

Haverland's Thermo-Dynamic Fluid evenly distributes heat across the entire radiator surface and rooms are kept precisely to the desired temperature.

- High precision, electronic thermostat
- Thermo-Dynamic media
- A choice of three temperature settings: Comfort, Economy and Anti-freeze
- Two simple to use controls

Five radiator options from 500W to 1500W



Model RC 4 A
500W
230V
435 x 580 x 94
Weight 11 Kg
4 Elements



Model RC 6 A
750W
230V
593 x 580 x 94
Weight 15 Kg
6 Elements



Model RC 8 A
1000W
230V
751 x 580 x 94
Weight 19 Kg
8 Elements



Model RC 10 A
1250W
230V
909 x 580 x 94
Weight 23 Kg
10 Elements



Model RC 12 A
1500W
230V
1067 x 580 x 94
Weight 27 Kg
12 Elements



Designer TOWEL RAILS

Designed by David Márquez

David Márquez

425W-700W



Cost effective solution for creating a bathroom 'comfort zone'

Haverland's Designer TE electric Towel Rails are not only functional, they are also an attractive and cost-effective design feature in any modern or period-style bathroom.

Available in white enamel in three convenient sizes, and technical specifications, the range is supplied with wall supports and mounting template and comes with a Two Year Guarantee.



*Model TE 700i has digital wall mounted programmer

Three options from 425W to 700W



Model TE 425E
425W
230V
500 x 800 x 110
17 elements
IP44 rated
Class 2



Model TE 700E
700W
230V
500 x 1200 x 110
25 elements
IP44 rated
Class 2



***Model TE 700i**
700W
230V
500 x 1200 x 110
25 elements
IP44 rated
Class 2
Infra-red remote control
digital programmer



Designer XTAL

Designed by David Márquez
David Márquez

400W
600W



New 'flat plate style' towel warmers

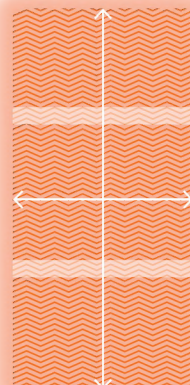
The revolutionary new XTAL takes bathroom towel warmer technology to another level.

Its innovative 'flat plate style' ultra slim design features safety-tempered glass, which heats up across its entire surface for ultimate comfort and towel-drying effectiveness.

Highly energy-efficient, the XTAL range delivers a new level of bathroom comfort. Temperatures can be precision-programmed via the radio frequency digital thermostat and users can choose their own programmes or select from nine pre-set options.

It's easy to install and comes complete with all fixings and brackets.

Its sleek contemporary design makes a real statement in any bathroom setting and because it's available in either black and white, it's easy to choose an option that not only works efficiently but also looks good in any colour scheme.



Thermal uniformity across the whole surface

A technological revolution in towel warmer design and performance



New XTAL available in stunning opaque gloss black or white finishes



Model XTAL6N (Black)
Model XTAL6B (White)
600W
230V
580 x 1090 x 145
Glass plate technology
Class 2
Radio frequency remote control digital programmer



Model XTAL4N (Black)
Model XTAL4B (White)
400W
230V
480 x 840 x 145
Glass plate technology
Class 2
Radio frequency remote control digital programmer



Radio frequency remote control digital programmer.



Making heating calculations



Step one

100 watts = 1 square metre

Step two

Calculating rooms with ceiling heights of up to 3 metres

Example : room 5 metres x 3 metres = 15 sq metres

Therefore: heating calculation = 15 sq m x 100 watts = 1500 watts

We recommend: 1 x Designer RC 12 E = 1500 watts

Calculating rooms with a ceiling heights of 3.5 metres

Example: room 6 metres x 3.5 metres = 21 sq metres

Ceiling height 3.5 metres ÷ 3 = 1.16

Multiply 21 sq metres x 1.16 = 24.36 sq metres

24.36 sq metres x 100 = 2,436 watts

We recommend: 1 x Designer RC 12 TT = 1500 watts

1 x Designer RC 8 TT = 1000 watts

= 2500 watts

Calculating rooms with a ceiling heights of 4 metres

Example: room 5 metres x 4 metres = 20 sq metres

Ceiling height 4 metres ÷ 3 = 1.33

Multiply 20 sq metres x 1.33 = 26.6 sq metres

26.6 sq meters x 100 = 2,600 watts

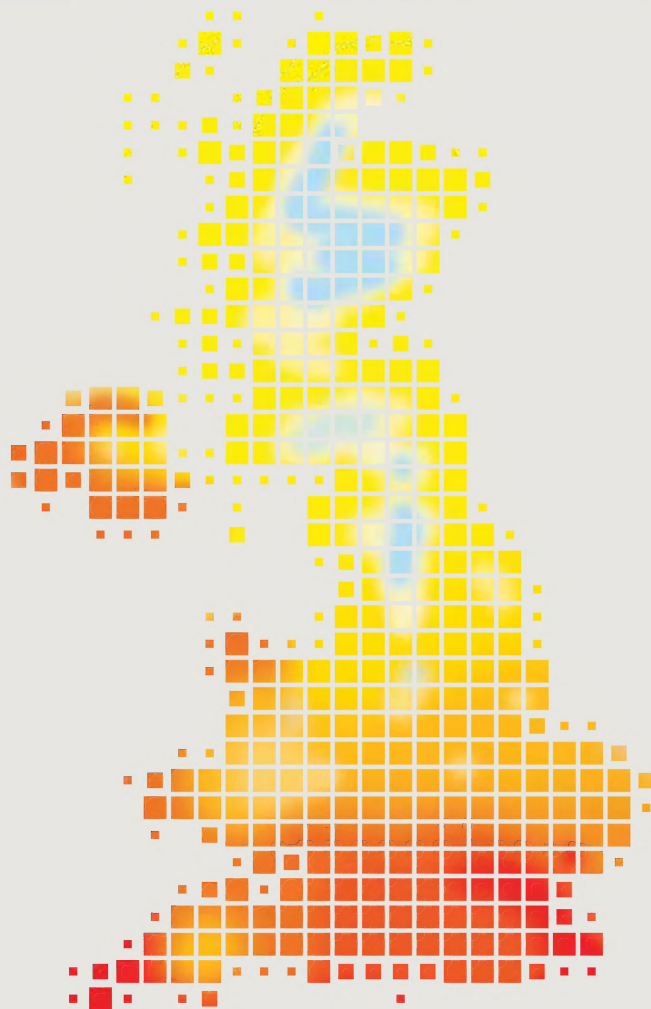
We recommend: 1 x Designer RC 12 TTi = 1800 watts

1 x Designer RC 8 TTi = 1000 watts

= 2800 watts

These calculations are based on red areas of the map opposite.

We recommend that it is always more energy efficient to over-specify slightly.



Thermal map of the United Kingdom.
For other climatic zones or other circumstances
please contact us.



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Trusted throughout the world

Haverland's large and comprehensive range of new generation heating solutions has been tried and tested throughout Europe, Scandinavia, North and South America and the Far East, including Japan.

Our technological innovation and manufacturing quality is widely respected around the world by consultants, contractors, and end users. In addition, our experience covers a wide cross-section of applications including domestic, retail, office, listed properties, public buildings, hotels etc.

If you have a specific heating project, please call Haverland UK. We'll be delighted to discuss your requirements and provide no-obligation, heating advice, recommendations and calculations.



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